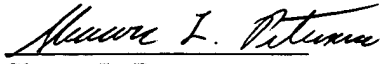


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

PATENT APPLICATION OF:	)	<b><u>EXPRESS MAIL</u></b>
C. Lutkemeyer	)	
SERIAL NO.: unassigned	)	Label No.: <u>EV 134752449 US</u>
FILED: herewith	)	Date: <u>August 28, 2003</u>
FOR: SWITCHING ACTIVITY	)	
REDUCED CODING FOR LOW-	)	Shawn L. Peterson
POWER DIGITAL SIGNAL	)	Reg. No. 44,286
PROCESSING CIRCUITRY	)	
GROUP ART UNIT: unassigned	)	
EXAMINER: unassigned	)	

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant submits herewith a copy of each of the following references cited for consideration in connection with the above application.

<u>U.S. Patent No.</u>	<u>Inventor(s)</u>	<u>Issue Date</u>
N/A		

Foreign Document No.

Country

Publication Date

N/A

Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

Chris J. Nicol and Patrik Larsson; "Low Power Multiplication for FIR Filters;" 1997,  
pgs. 76-79

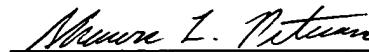
The above reference is listed on the enclosed Form PTO-1449 (in duplicate) entitled  
"Information Disclosure Citation."

This Information Disclosure Statement is being submitted before the receipt of a  
first Office Action on the merits of the application.

Please charge any fees incurred in connection with this submission or credit any  
overpayment to Deposit Account No. 13-0017, in the name of McAndrews, Held & Malloy,  
Ltd.

Date: August 28, 2003

Respectfully submitted,



Shawn L. Peterson  
Registration No. 44, 286  
Attorney for applicant

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FORM PTO-1449	SERIAL NO. unassigned	CASE NO. 15069US01
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	FILING DATE herewith	GROUP ART UNIT unassigned
(use several sheets if necessary)		APPLICANT(S): C. Lutkemeyer

**REFERENCE DESIGNATION**
**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	SERIAL NO. unassigned	CASE NO. 15069US01
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	FILING DATE herewith	GROUP ART UNIT unassigned
(use several sheets if necessary)	APPLICANT(S): C. Lutkemeyer	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
		Chris J. Nicol and Patrik Larsson; "Low Power Multiplication for FIR Filters;" 1997, pgs. 76-79

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(use several sheets if necessary)		APPLICANT(S): C. Lutkemeyer

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